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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09 806,324	03 29 2001	Outi Vaarala	227-139	6790

7590 10 02 2002

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EXAMINER

WONG, LESLIE A

ART UNIT	PAPER NUMBER
1761	C1

DATE MAILED: 10/02/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

TC - 9

Office Action Summary	Application No. 09/806,324	Applicant(s) Vaarala et al.
	Examiner Leslie Wong	Art Unit 1761
<i>-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --</i>		
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>three</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.		
<small> Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). </small>		
Status		
1) <input type="checkbox"/> Responsive to communication(s) filed on _____ 2a) <input type="checkbox"/> This action is FINAL . 2b) <input checked="" type="checkbox"/> This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11; 453 O.G. 213.		
Disposition of Claims		
4) <input checked="" type="checkbox"/> Claim(s) <u>1-12</u> is/are pending in the application. 4a) Of the above, claim(s) _____ is/are withdrawn from consideration. 5) Claim(s) _____ is/are allowed. 6) <input checked="" type="checkbox"/> Claim(s) <u>1-12</u> is/are rejected. 7) Claim(s) _____ is/are objected to. 8) Claims _____ are subject to restriction and/or election requirement.		
Application Papers		
9) <input type="checkbox"/> The specification is objected to by the Examiner. 10) <input type="checkbox"/> The drawing(s) filed on _____ is/are a) <input type="checkbox"/> accepted or b) <input type="checkbox"/> objected to by the Examiner. <small>Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).</small> 11) <input type="checkbox"/> The proposed drawing correction filed on _____ is: a) <input type="checkbox"/> approved b) <input type="checkbox"/> disapproved by the Examiner. <small>If approved, corrected drawings are required in reply to this Office action.</small> 12) <input type="checkbox"/> The oath or declaration is objected to by the Examiner.		
Priority under 35 U.S.C. §§ 119 and 120		
13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) <input type="checkbox"/> All b) <input type="checkbox"/> Some* c) <input type="checkbox"/> None of: 1. <input type="checkbox"/> Certified copies of the priority documents have been received. 2. <input type="checkbox"/> Certified copies of the priority documents have been received in Application No. _____. 3. <input type="checkbox"/> Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). <small>*See the attached detailed Office action for a list of the certified copies not received.</small>		
14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e). a) <input type="checkbox"/> The translation of the foreign language provisional application has been received. 15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.		
Attachment(s)		
1) <input type="checkbox"/> Notice of References Cited (PTO-892) 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) PTO-1449 Paper No(s). <u>5</u> 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6) <input type="checkbox"/> Other: _____		

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35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claim 11 is rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Claim 11 is directed to a “(u)se” which is non-statutory subject matter.

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-12 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 and its dependent claims are indefinite as to “if necessary” and “optionally” as it is not clear whether these steps are part of the claim.

Claims 2, 3, and 8 are indefinite as to “preferably ...” as it is unclear whether the limitation(s) following the phrase are part of the claimed invention.

Claims 4-6, 8, and 9 are indefinite as to “suitably ...” as it is unclear whether the limitation(s) following the phrase are part of the claimed invention.

Claim 9 is indefinite as to “optionally ...” as it is unclear whether the limitation following the phrase is part of the claimed invention.

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Claims 10 and 12 are indefinite as to "substantially bovine insulin-free" as it is not clear what is encompassed by this phrase.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1-10 and 12 are rejected under 35 U.S.C. 102(a) as being anticipated by Vaarala et al (WO 98/48640).

Vaarala et al teach a process for removing bovine insulin from a protein material using a resin treatment combined with a filtration treatment as is claimed (see entire document). It is notoriously well-known that the resin (Amberlite manufactured by Rohm & Haas) utilized in Example 1 (page 8) is a styrene based adsorption resin.

All of the claim limitations have been considered. None of them are seen as serving as basis for patentability.

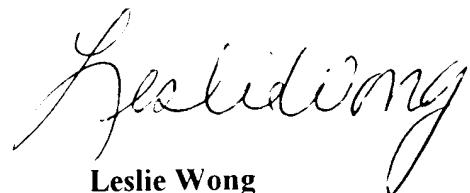
No claim is allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leslie Wong whose telephone number is (703) 308-1979. The examiner can normally be reached on Tuesday-Friday.

The fax number for this Group is (703) 872-9310.

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Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0661.



**Leslie Wong
Primary Examiner
Art Unit 1761**

LAW
October 1, 2002